


Name: _____

5-a-day


Higher Plus

7th August		Corbettmaths 
A and B are similar cuboids volume of A: volume of B = 8 : 1000 Work out surface area of B: surface area of A		
How many even numbers greater than 40000 can be created using the digits 1 2 5 8 9 using each digit once?		
Find the coordinates where the line $x + y = 3$ and the curve $x^2 + 3y = 27$ intersect		
$\frac{61}{330}$ $0.\overset{\bullet\bullet}{1}7\overset{\bullet\bullet}{8}$ 3^{-2} $\frac{19}{110}$ Arrange in order from smallest to largest		
A solid metal cube has a side length of 6cm to 2 significant figures. The mass of the cube is 3.2×10^3 grams correct to 2 significant figures.	Work out the upper bound for the density of the metal.	

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